bio-protocol Preprint

Not Peer Reviewed
Ask a question online

Urine-based Enzyme-Linked Immunosorbent Assay to detect anti-SARS-CoV-2 nucleocapsid protein antibodies

Fernanda Ludolf Fernanda Fonseca Ramos Flávia Bagno Eduardo A F Coelho Flavio G Fonseca

Updated date: Jun 14, 2022

An abbreviated version of this protocol was published in Science Advances in May 2022

Detecting anti–SARS-CoV-2 antibodies in urine samples: A noninvasive and sensitive way to assay COVID-19 immune conversion

DOI: 10.1126/sciadv.abn7424

Related files

Bio Protocol Ludolf et al.pdf

How to cite:(Readers should cite both the Bio-protocol preprint and the original research article where this protocol was used)

1. Ludolf, F. , Ramos, F. F., Bagno, F. , Coelho, E. A. and Fonseca, F. G.(2022). Urine-based Enzyme-Linked Immunosorbent Assay to detect anti-SARS-CoV-2 nucleocapsid protein antibodies. Bio-protocol Preprint. 10.21769/p1720.
2. Ludolf, F., Ramos, F. F., Bagno, F. F., Oliveira-da-Silva, J. A., Reis, T. A. R., Christodoulides, M., Vassallo, P. F., Ravetti, C. G., Nobre, V., da Fonseca, F. G. and Coelho, E. A. F.(2022). Detecting anti–SARS-CoV-2 antibodies in urine samples: A noninvasive and sensitive way to assay COVID-19 immune conversion. Science Advances 8(19). DOI: 10.1126/sciadv.abn7424

Copyright: Content may be subjected to copyright.